

**Practice**

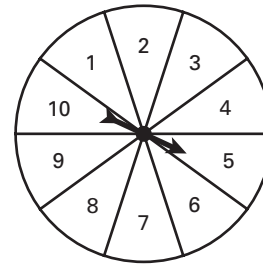
For use with pages 305–312

**Complete the statement.**

1. A(n) \_\_\_\_\_ probability is based on knowing all of the equally likely outcomes of an experiment.
2. A(n) \_\_\_\_\_ probability is based on repeated trials of an experiment.

**Use the spinner to find the probability. The spinner is divided into equal parts.**

3. What is the probability that the spinner stops on a multiple of 3?



4. What is the probability that the spinner stops on a multiple of 4?
5. What are the odds against stopping on a number greater than 8?
6. What are the odds in favor of stopping on a number less than 5?
7. If you spin the spinner 50 times, how many times do you expect it to stop on 10?

# Practice

For use with pages 305–312

Each letter in the word **SUCCESES** is written on separate slips of paper and placed in a bag. A letter is chosen at random from the bag.

8. What is the probability that the letter chosen is an S?
9. What is the probability that the letter chosen is a vowel?
10. What are the odds against choosing a consonant?
11. A weather forecast says that there is a 40% chance of rain today. Find the odds against rain.
12. You plant 48 seeds of a certain flower and 32 of them sprout. Find the experimental probability that the next flower seed planted will sprout.

The circle graph shows which juice blend people chose as their favorite in a taste test.

13. What is the probability that a person chosen at random chose Juice B?
14. What are the odds in favor of choosing a person at random who chose Juice A?

